

SYSTEM AND METHOD TO USE UNMODIFIED OPERATING SYSTEM ON DISKLESS COMPUTER

ABSTRACT OF THE DISCLOSURE

A system and method for using a conventional, unmodified operating system that routinely issues disk I/O requests in a diskless network computer. An adapter receives the disk I/O requests and translates them to network I/O requests, transparently to the CPU. The requests are satisfied using the network. In this way, the operating system need not be modified to issue network calls instead of disk requests.

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For the purpose of this disclosure, the system and method for using a conventional, unmodified operating system that routinely issues disk I/O requests in a diskless network computer. An adapter receives the disk I/O requests and translates them to network I/O requests, transparently to the CPU. The requests are satisfied using the network. In this way, the operating system need not be modified to issue network calls instead of disk requests.